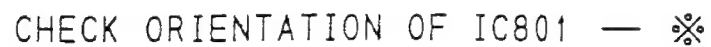


## NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE [1/16W] UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=PICTO-MICRO FARAD)
4. CHIP CAPACITOR'S SIZES ARE (1608) TYPE UNLESS OTHERWISE NOTED.

| DESIGN   | DRAWN BY | TITLE             |
|----------|----------|-------------------|
| '95.9.27 | '96.9.5  |                   |
| KUROKI   | Y. HOSHI | PLL PCB           |
| CHECK BY | APPRO BY | SCHEMATIC DIAGRAM |
|          |          | DRAWING No.       |
| REV. No. |          | UNIDEN CORP.      |

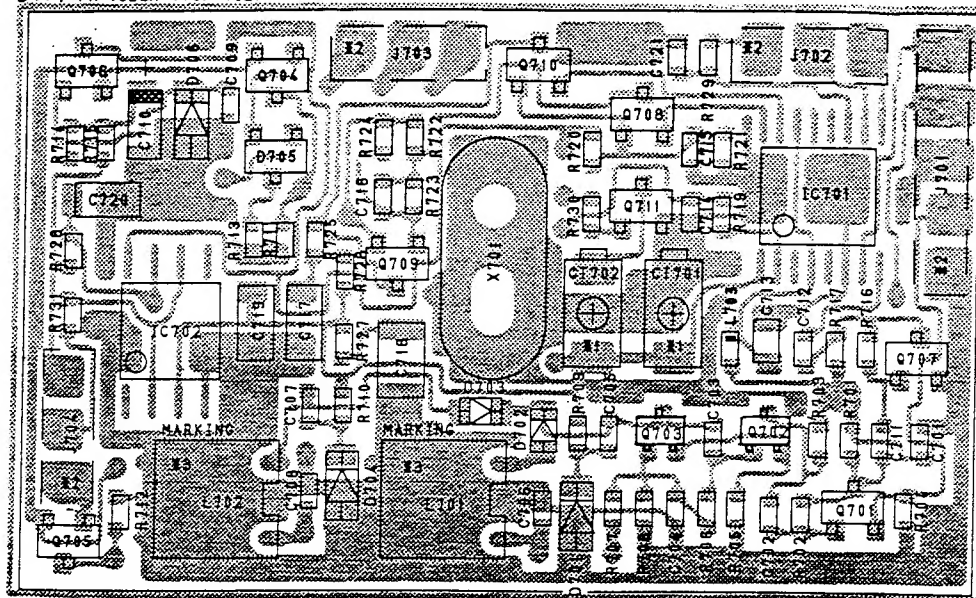
## B801

[illegible]

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED.  
(P=MICRO-MICRO FARAD)

|                |           |                      |  |
|----------------|-----------|----------------------|--|
| DESIGN         | DATE      | AE 66M               |  |
| '92.10.19      | '96.9.5   |                      |  |
| Y. TAKA        | Y. HOSHI  | TITLE 800MHZ PCB     |  |
| CHECK BY       | APPROV BY | PARTS ASS'Y BOT VIEW |  |
| SEP 9 1996     | SEP 9 '96 | DRAWING NO.          |  |
| J. B. K. H. H. |           | E23-13509            |  |
| REV.           |           | UNIDEN PHILS. INC.   |  |

B701 PH-1828A (TOP VIEW)



|      |                    |
|------|--------------------|
| C701 | 0.022/B            |
| C702 | 0.001/B            |
| C703 | 1.5P/CK            |
| C704 | 0.001/B            |
| C705 | 27P/CH             |
| C706 | 0.001/B            |
| C707 | 680P/CH            |
| C708 | 0.022/B            |
| C709 | 0.001/B            |
| C710 | 25V1 C-228         |
| C711 | 100P/CH            |
| C712 | 0.001/B            |
| C713 | 0.1/B (12125)      |
| C714 | 39P/CH             |
| C715 | 10P/CH             |
| C716 | 10P/CH             |
| C717 | 0.0047/PS5V1C-2791 |
| C718 | 0.1/P16V (C-264)   |
| C719 | 0.0047/PS5V1C-2791 |
| C720 | 1/F 25V 32161      |
| C721 | 0.001/B            |

|       |          |
|-------|----------|
| IC701 | SMS158AM |
| IC702 | TLC271CD |

|      |             |
|------|-------------|
| L701 | LF253       |
| L702 | LF260       |
| L703 | LZ-27 0.1MH |

|      |      |
|------|------|
| R701 | 100  |
| R702 | 18K  |
| R703 | 330  |
| R704 | 560  |
| R705 | 560  |
| R706 | 2.7K |
| R707 | 3.9K |
| R708 | 2.7K |
| R709 | 10K  |
| R710 | 1.8K |
| R711 | 6.8K |
| R712 | 6.8K |
| R713 | 68K  |
| R714 | 15K  |
| R715 | 10   |
| R716 | 68K  |
| R717 | 180  |

|      |      |
|------|------|
| R719 | 4.7K |
| R720 | 33K  |
| R721 | 10K  |
| R722 | 10K  |
| R723 | 220K |
| R724 | 22K  |
| R725 | 15K  |
| R726 | 15K  |
| R727 | 22K  |
| R728 | 470  |
| R729 | 10K  |
| R730 | 4.7K |
| R731 | 10K  |

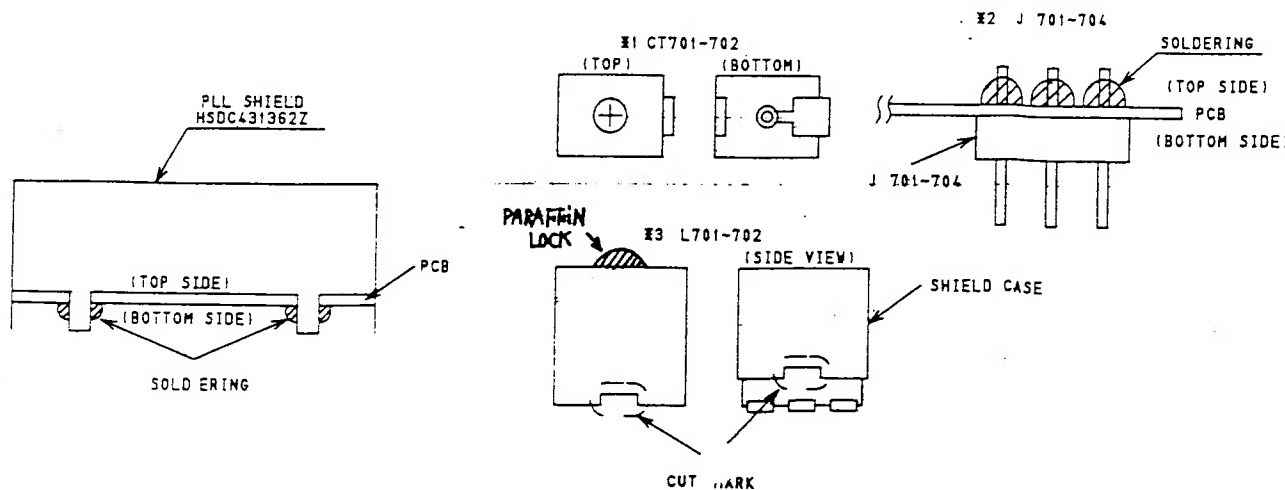
|      |                    |
|------|--------------------|
| X701 | QX-631<br>10.40MHz |
|------|--------------------|

|      |                    |
|------|--------------------|
| Q701 | 25C3121            |
| Q702 | 25C3121-TSL UNIDEN |
| Q703 | 25C3121-TSL UNIDEN |
| Q704 | 25A1162-Y          |
| Q705 | DTA143XK           |
| Q706 | 25C2712-Y          |
| Q707 | 25C3121            |
| Q708 | 25C3121-TSL        |
| Q709 | 25A1162-Y          |
| Q710 | 25C3121-TSL        |
| Q711 | 25C2712-Y          |

|      |          |
|------|----------|
| D701 | 15V201-4 |
| D702 | 15S356   |
| D703 | 15S356   |
| D704 | 15V201-4 |
| D705 | 15S184   |
| D706 | HZK4BLL  |

|       |            |
|-------|------------|
| J 701 | JK632 (5P) |
| J 702 | JK632 (3P) |
| J 703 | JK632 (3P) |
| J 704 | JK632 (3P) |

|       |            |
|-------|------------|
| CT701 | 20P CT-093 |
| CT702 | 20P CT-093 |



## NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/16W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=PICO-MICRO FARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE CH UNLESS OTHERWISE NOTED.

|             |                                 |           |          |
|-------------|---------------------------------|-----------|----------|
| DESIGN BY   | Y. HOSHI                        | DRAWN BY  | AE GGM   |
| DATE        | '96.7.15                        | DATE      | '96.7.14 |
| CHECK BY    | Y. HOSHI                        | APPRO. BY | MINE     |
| TITLE       | PLL PCB PARTS ASSEMBLY TOP VIEW |           |          |
| DRAWING NO. | E23-13507                       |           |          |
| REV. NO.    | UNIDEN CORP.                    |           |          |

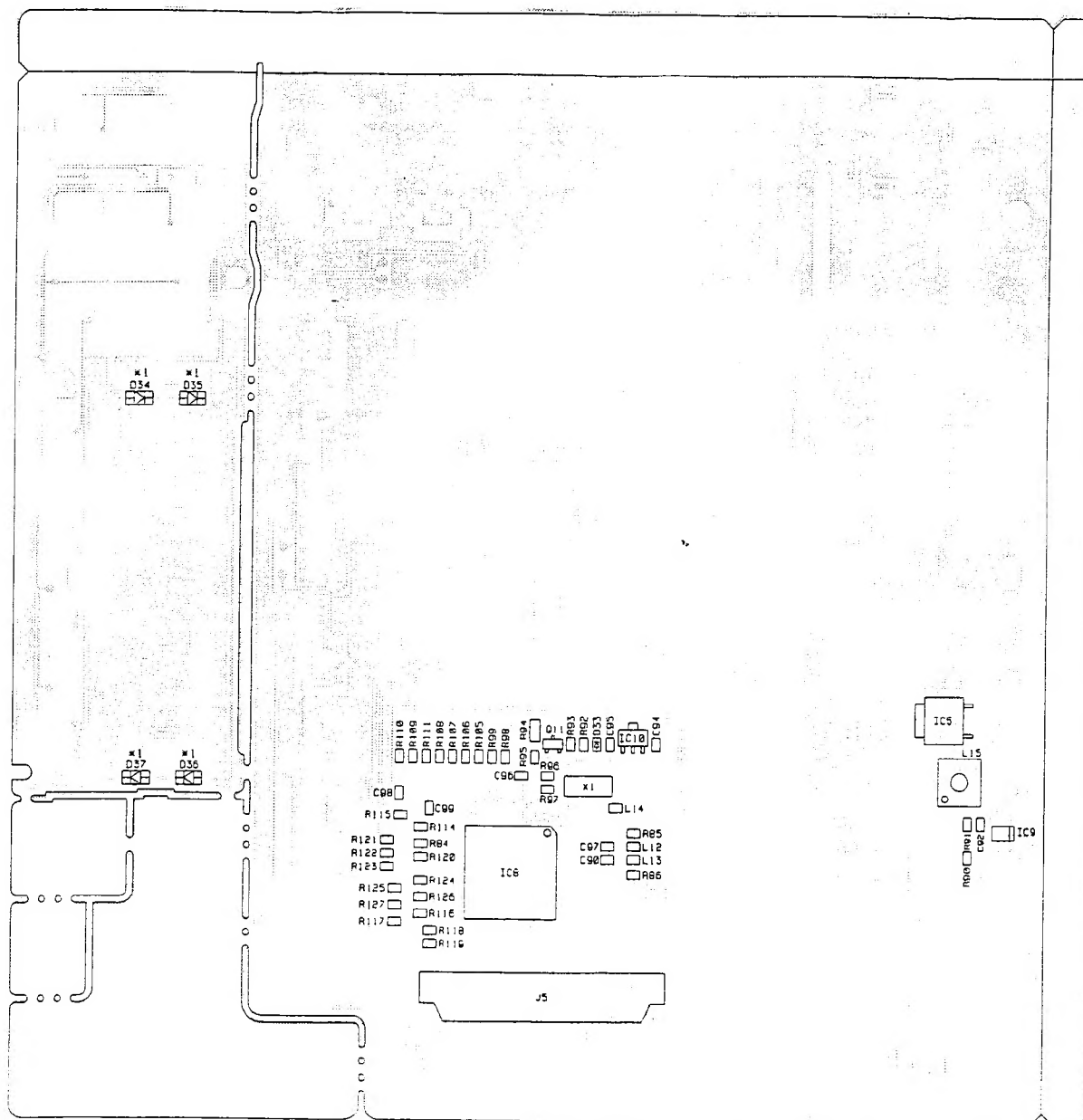
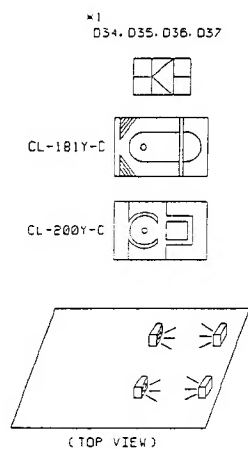
REF. ONLY

[illegible][illegible]

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED.
2. RESISTOR RATINGS ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED.  
(P-MICRO-MICRO FARAD)

|             |                    |                     |
|-------------|--------------------|---------------------|
| DESIGN      | DRAWN BY           | TITLE               |
| 92.10.19    | 96.9.5             |                     |
| Y. TAKA     | Y. HOSHI           | 800MHZ PCB          |
| CHECK BY    | APPV BY            | PARTS ASSY TOP VIEW |
| Sup 9/19/96 | Sup 9/26/96        | DRAWING NO.         |
| J. Taka     | K. Yama            | E23-13508           |
| REV. NO.    | UNIDEN PHILS. INC. |                     |

# B001 PH-223AA (TOP VIEW)

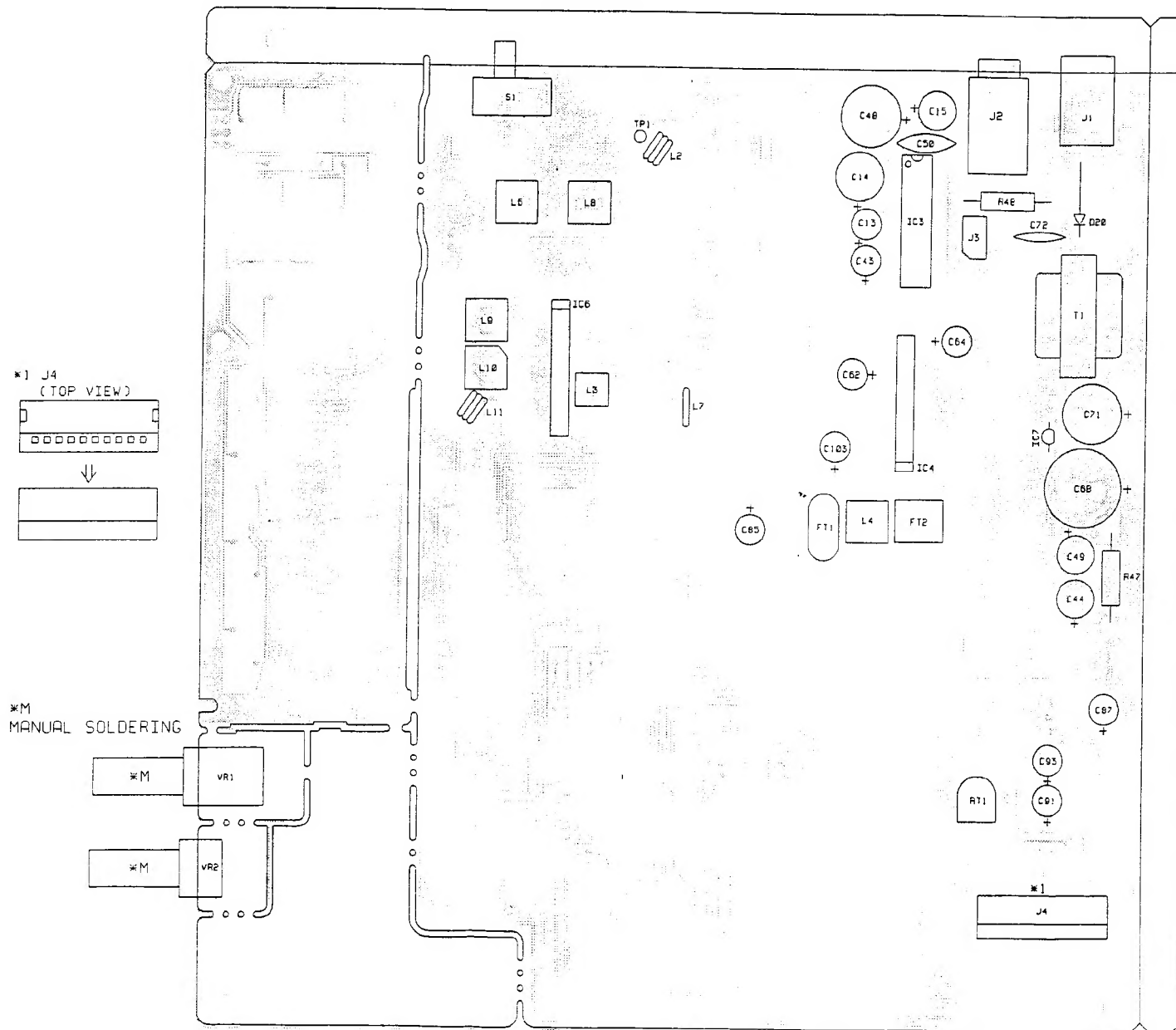


|      |              |      |             |
|------|--------------|------|-------------|
| C90  | 0.1/B        | R94  | 100K (1/8W) |
| C92  | 0.022/B      | R95  | 1K          |
| C94  | 0.001/B      | R96  | 5.6K        |
| C95  | 0.1/B        | R97  | 1M          |
| C96  | 0.1/B        | R98  | 2.2K        |
| C97  | 0.1/B        | R99  | 2.2K        |
| C98  | 0.001/B      | RT05 | 2.2K        |
| C99  | 100P/CH      | RT06 | 2.2K        |
| D33  | 1SS355       | RT07 | 2.2K        |
| D34  | CL-181Y-C    | RT08 | 2.2K        |
| D35  | CL-181Y-C    | RT09 | 10K         |
| D36  | CL-181Y-C    | RT10 | 10K         |
| D37  | CL-181Y-C    | RT11 | 2.2K        |
| IC5  | L78M05T      | RT14 | 2.2K        |
| IC6  | UC1888       | RT15 | 2.2K        |
| IC8  | TK11817M     | RT16 | 2.2K        |
| IC9  | RH5VL40CA    | RT17 | 2.2K        |
| IC10 | RH5VL40CA    | RT18 | 2.2K        |
| J5   | JK-843 (30P) | RT19 | 2.2K        |
| L12  | 600 LZ-120   | RT20 | 2.2K        |
| L13  | 600 LZ-120   | RT21 | 2.2K        |
| L14  | 600 LZ-120   | RT22 | 2.2K        |
| L15  | 1.2uH LZ-077 | RT23 | 2.2K        |
| Q11  | ZSC2712-Y    | RT24 | 2.2K        |
| R84  | 1K           | RT25 | 2.2K        |
| R85  | 1K           | RT26 | 2.2K        |
| R86  | 10K          | RT27 | 2.2K        |
| R87  | 560          |      |             |
| R88  | 1K           |      |             |
| R89  | 68K          |      |             |
| R90  | 68K          |      |             |

参考資料  
 REF. ONLY  
 NOTES:  
 1. RESISTANCE VALUES ARE SHOWN IN OHMS  
 UNLESS OTHERWISE NOTED.  
 (K=KILLO OHM, M=MEG OHM)  
 2. RESISTOR WATTAGES ARE 1/10W  
 UNLESS OTHERWISE NOTED.  
 3. CAPACITANCE VALUES ARE INDICATED IN  
 MICRO FARADS UNLESS OTHERWISE NOTED.  
 (P=MICRO-MICRO FARAD)  
 4. ALL CAPACITORS SIZE ARE 2125  
 UNLESS OTHERWISE NOTED.  
 5. CHIP PARTS ARE NOT SPECIFIED IN  
 THIS DRAWING FOR THE CHIP PARTS.

|           |          |                      |           |
|-----------|----------|----------------------|-----------|
| DESIGN BY | DAIJI    | DATE                 | 9.5       |
| CHECK BY  | Y. HOSHI | TITLE                | MAIN PCB  |
| APPVAL BY |          | CHIP LAYOUT TOP VIEW |           |
| REV.      | 1        | DRAWING NO.          | E22-13505 |
| REV.      |          | UNITED CORP.         |           |

B001 PH-223AA (TOP VIEW)



|      |                 |
|------|-----------------|
| C13  | 50V 1 C-130     |
| C14  | 25V 220 C-130   |
| C15  | 25V 100 C-130   |
| C42  | 50V 10 C-130    |
| C44  | 25V 100 C-130   |
| C48  | 25V 470 C-130   |
| C49  | 25V 100 C-130   |
| C50  | 25V 0.1/YR      |
| C62  | 50V 22 C-130    |
| C64  | 50V 1 C-130     |
| C68  | 5.5V 0.1F C-217 |
| C71  | 25V 470 C-130   |
| C72  | 50V 0.047/YF    |
| C85  | 10V 100 C-130   |
| C87  | 50V 10 C-130    |
| C91  | 50V 4.7 C-130   |
| C93  | 50V 4.7 C-130   |
| C103 | 50V 3.3 C-130   |

|     |        |
|-----|--------|
| D20 | 1W4003 |
|-----|--------|

|     |        |
|-----|--------|
| FT1 | FL-195 |
| FT2 | FL-200 |

|     |          |
|-----|----------|
| IC3 | TDA1905  |
| IC4 | LA1800A  |
| IC6 | LA1186N  |
| IC7 | M5278L56 |

|    |              |
|----|--------------|
| J1 | JK-790       |
| J2 | JK-699       |
| J3 | JK-276 (2P)  |
| J4 | JK-658 (10P) |

|     |               |
|-----|---------------|
| L2  | LE-127 2 1/2T |
| L3  | LF-207        |
| L4  | LB-233        |
| L6  | LB-659        |
| L7  | LE-366 1/2T   |
| L8  | LB-797        |
| L9  | LB-656        |
| L10 | LC-226        |
| L11 | LE-127 2 1/2T |

|     |         |
|-----|---------|
| R47 | 10 1WS  |
| R48 | 6.8 1WS |

|     |              |
|-----|--------------|
| RT1 | RT-552 100KB |
|-----|--------------|

|    |        |
|----|--------|
| S1 | SW-225 |
|----|--------|

|    |        |
|----|--------|
| T1 | TE-974 |
|----|--------|

|     |        |
|-----|--------|
| TP1 | TP-118 |
|-----|--------|

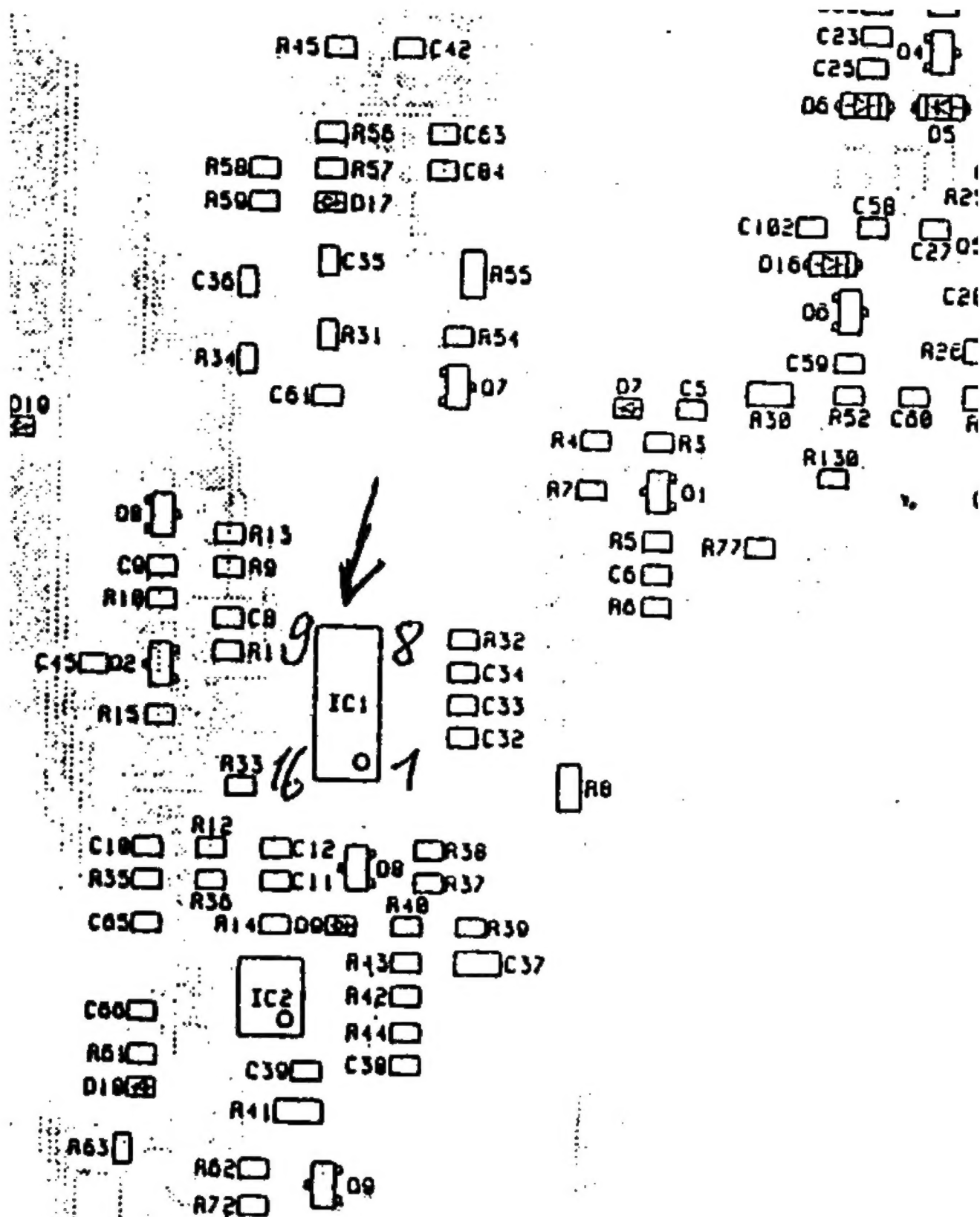
|     |              |
|-----|--------------|
| VR1 | RV-744 100KA |
| VR2 | RV-717 100KA |

参考資料  
REF. ONLY

NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS  
(K-KILO OHM, M-MEG OHM)
2. CAPACITANCE VALUES ARE INDICATED IN  
MICRO FARADS UNLESS OTHERWISE NOTED  
(P-MICRO-MICRO FARAD)

|           |            |                     |
|-----------|------------|---------------------|
| DESIGN BY | DRW. BY    | AE GGM              |
| DATE      | REV. 6.5   |                     |
| T. TARA   | T. HOSHINO | TITLE MAIN PCB      |
| CHECK BY  | APP. BY    | PARTS ASS'Y TOP VII |
| REV. NO.  | REV. NO.   | REV. NO.            |
|           |            | E22-1350            |
|           |            | UNIDEN CORP.        |



Discriminator-  
Anschluß  
AE66U